TABLE 2 - 01/20/12 SAMPLE ANALYTICAL REQUIREMENTS SUMMARY DIMOCK RESIDENTIAL GROUNDWATER SITE

DIMOCK, SUSQUEHANN	IA COUNT	Y, PENNSYLVANIA					
			Holding			Sample Contains	er(s)
Analytical parameter and Method	Matrix	Sample Preservation	Time				1
			(Days)	Qty	Vol (ml)	Bottle Type	Comments
A R2 Lab						1 1990	
lethylene Blue Active Substances (MBAS)	drinking						
M 5540C)	water	Ice, 4°C	2	1	500	HDPE	
A R3 Lab	0						
nions:							
nloride, Bromide, Fluoride, Orthophosphorus as P, Sulfate as SO4	drinking						
00.0)	water	Ice, 6°C	28	1	500	HDPE	
ycols incl. 2-Butoxyethanol	drinking		_				l
/lodified 8321) letals Dissolved:	water Filtered	Ice, 6°C	7	1	40	Glass Vial	No Headspace
, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Na, Ni, Sb, Se, Sn, Sr,Ti, Tl, U, V, Zn	drinking	pH<2 with HNO3 and cool					
00.7/200.8/245.1)	water	with ice, 4°C	180	1	500	HDPE	
etals: , As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Na, Ni, Sb, Se, Sn, Sr,Ti, Tl, U, V, Zn	drinking	pH<2 with HNO3 and cool					
00.7/200.8/245.1)	water	with ice, 4°C	180	1	500	HDPE	
emi-Volatiles (TCL plus TICs)	drinking		100	<u> </u>	300	HDFE	
DLC03.2)	water	Ice, 6°C	7	2	1000	Amber Glass	Teflon Lined Li
olids, Total Dissolved (TDS)	drinking						
M 2540C) blids, Total Suspended (TSS)	water	Ice, 6°C	7	1	500	HDPE	
M 2540D)	drinking water	Ice, 6°C	7	1	500	HDPE	
olatiles + Acrylonitrile (TCL + TICs)	drinking	2 drops of 1:1 HCl, pH<2, Ice,	,	 	300	IIDIL	Teflon Lined Li
DLC03.2)	water	6°C	14	4	40	Glass Vial	No Headspace
et Chemistry:							
Phosphorus, Total (365.4);	drinkin =	nUZ2 U2SO4 and analysists					
Nitrate/Nitrite (353.2); Nitrogen; Total (353.2)	drinking water	pH<2, H2SO4, and cool with ice, 4°C	70	١.		LIDDE	
Il & Grease (HEM)	drinking	pH<2, H2SO4, and cool with	28	1	500	HDPE WM Amber	
664A)	water	ice, 4°C	28	1	1000	Glass	Teflon Lined Li
cohols:	Wate.	100, 1 0	20	1	1000	51435	Tenen zinea zi
hanol, methanol, 1-propanol, 1-butanol, 2-butanol	drinking						Teflon Lined Li
015D)	water	Ice, 6°C	7	2	40	Glass Vial	No Headspace
A R9 Lab	0						
ssolved Gases, Methane, Ethane, Ethene, Propane, Butane	drinking	pH<2 with HCl and cool with					
SK-175, or equiv - EPA R9 SOP 325)	water	ice, 4°C	7	2	40	Glass Vial	
RO	drinking	Ice. 4°C	7 (1)	2	1000	Amber Glass	Teflon Lined Lie
		Ice, 4°C pH<2 with HCl and cool with	7 (1)	2	1000	Amber Glass	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385)	drinking water drinking water		7 ⁽¹⁾	2	1000	Amber Glass Glass Vial	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO	drinking water drinking	pH<2 with HCl and cool with					Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232)	drinking water drinking water 0 drinking	pH<2 with HCl and cool with ice, 4°C pH<2 with HNO3 and cool	14	2	40	Glass Vial	Teflon Lined Lie
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) ODE HASL 300)	drinking water drinking water	pH<2 with HCl and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C					Teflon Lined Lic
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) IOE HASL 300) pha Spec (U-234, U-235, U-236, U-238)	drinking water drinking water 0 drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool	14	1	1000	Glass Vial	Teflon Lined Lic Teflon Lined Lic No Headspace
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) ODE HASL 300)	drinking water drinking water 0 drinking water	pH<2 with HCl and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14	2	40	Glass Vial	Teflon Lined Lic
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) POE HASL 300) pha Spec (U-234, U-235, U-236, U-238) POE HASL 300) amma spec	drinking water drinking water 0 drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14	1	1000	Glass Vial	Teflon Lined Lie
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) IOE HASL 300) pha Spec (U-234, U-235, U-236, U-238)	drinking water drinking water 0 drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool	14	1	1000	Glass Vial	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) pha Spec (U-234, U-235, U-236, U-238)	drinking water drinking water 0 drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14 180 180	1	1000	Glass Vial HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238	drinking water drinking water 0 drinking water drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with HNO3 and cool	14 180 180	1	1000	Glass Vial HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta	drinking water drinking water drinking water drinking water drinking water drinking drinking drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14 180 180	1 1 1	1000 1000 1000	Glass Vial HDPE HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) POE HASL 300) pha Spec (U-234, U-235, U-236, U-238) POE HASL 300) amma spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0)	drinking water drinking water 0 drinking water drinking water drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14 180 180	1 1 1	1000 1000 1000	Glass Vial HDPE HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) a-226	drinking water drinking water O drinking water drinking water drinking water drinking water drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14 180 180 180	1 1 1	1000 1000 1000 1000	HDPE HDPE HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) a-2266 03.1)	drinking water drinking water 0 drinking water drinking water drinking water drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14 180 180 180	1 1 1	1000 1000 1000 1000	HDPE HDPE HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) 0-226 03.1)	drinking water O drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180	1 1 1 1	1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) a-226 03.1) a-228 04.0)	drinking water of our of the control	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180	1 1 1 1	1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE	Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) -2-226 -03.1) -2-228 04.0) DO AH SIM 2270C)	drinking water O drinking water O Q	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180	1 1 1 1	1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE	Teflon Lined Li No Headspac
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) -2-226 03.1) -3-228 04.0) DOE HASL 300 -3-228 04.0) DOE HASL 300 -3-228 DOE HASL 300 -3-228 DOE HASL 300 DOE HA	drinking water O drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	14	1 1 1 1 1 1 1 1 2	1000 1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE Amber Glass	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) NOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) NOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) a-226 03.1) a-228 04.0) D-244 SIM 2270C) thylene Glycol 015M)	drinking water O drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180 180 180	1 1 1 1	1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE HDPE	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) POE HASL 300) pha Spec (U-234, U-235, U-236, U-238) POE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) -2226 03.1) -2-228 04.0) -2-28 04.0) -2-29 -24 SIM -25 SIM -26 SIM -26 SIM -26 SIM -27 SI	drinking water O drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with ice, 4°C	14	1 1 1 1 1 1	1000 1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE Amber Glass	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) POE HASL 300) pha Spec (U-234, U-235, U-236, U-238) POE HASL 300) pha Spec (U-234, U-235, U-236, U-238) POE HASL 300) POE HASL 300) POE HASL 300 POE HASL 300) POE HASL 300 POE HASL 3	drinking water O drinking water O drinking water drinking water drinking water drinking water drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180 180 180 7 7	1 1 1 1 1 1 2 2 2	1000 1000 1000 1000 1000 1000 40	HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) NOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) NOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) -2-226 03.1) -3-228 04.0) -3-228 04.0) -3-228 04.0) -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3-209 -3	drinking water O drinking water O drinking water drinking water drinking water drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C pH<2 with ice, 4°C	14	1 1 1 1 1 1	1000 1000 1000 1000 1000 1000	HDPE HDPE HDPE HDPE HDPE Amber Glass	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) PDE HASL 30	drinking water O drinking water O drinking water drinking water drinking water drinking water drinking water drinking	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180 180 180 7 7	1 1 1 1 1 1 2 2 2	1000 1000 1000 1000 1000 1000 40	HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) 0-226 03.1) 0-228 04.0) DOE HASL MM 270C) hylene Glycol 015M) artiV acteria (fecal & total coliform, HPC) M 9222B; SM 9215B w/R2A medium) artiV otech	drinking water O drinking water O drinking water drinking water drinking water drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180 180 180 7 7	1 1 1 1 1 1 2 2 2	1000 1000 1000 1000 1000 1000 40	HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial	Teflon Lined Li No Headspac Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) pha Spec (U-234, U-235, U-236, U-238) PDE HASL 300) PDE HASL 30	drinking water O drinking water O drinking water drinking water drinking water drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C	180 180 180 180 180 180 7 7	1 1 1 1 1 1 2 2 2	1000 1000 1000 1000 1000 1000 40	HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial	Teflon Lined Li No Headspac Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) a-226 03.1) a-228 04.0) DOE AH SIM 270C) hylene Glycol 015M) arriV acteria (fecal & total coliform, HPC) M 9222B; SM 9215B w/R2A medium) arriV otech d13C and d2H of methane;	drinking water O drinking water O drinking water drinking water drinking water drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C lce, 4°C	180 180 180 180 180 180 7 7	1 1 1 1 1 1 2 2 2	1000 1000 1000 1000 1000 1000 40	HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) phar Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) -2226 03.1) -2228 04.0) DOE HASL MM 270C) hylene Glycol 015M) cariv cateria (fecal & total coliform, HPC) M 9222B; SM 9215B w/R2A medium) ariv cateria (fecal & total coliform, HPC) M 9222B; SM 9215B w/R2A medium) ariv complete compositional analysis of headspace gas; Stable isotopes of water (O,H) TY:	drinking water	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C Ice, 6°C Ice, 4°C	140 180 180 180 180 180 7 7 0.25	1 1 1 1 1 1 2 2 2 1 1	1000 1000 1000 1000 1000 1000 40	Glass Vial HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial	Teflon Lined Li No Headspac Teflon Lined Li Teflon Lined Li No Headspac
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) annna Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) arross Alpha/Beta 00.0) a-226 03.1) a-228 04.0) DO AH SIM 270C) hylene Glycol 015M) arriV acteria (fecal & total coliform, HPC) M 9222B; SM 9215B w/R2A medium) arriV otech d13C and d2H of methane; Complete compositional analysis of headspace gas; Stable isotopes of water (O,H) Y: = degrees Celsius	drinking water O drinking water O drinking water O drinking water I HN03 = Nitric	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C Ice, 4°C Ice, 6°C Ice, 4°C Ice, 4°C Ice, 4°C Ice, 4°C, biocide pill in sample container Acid	140 180 180 180 180 180 7 7 0.25	1 1 1 1 1 1 2 2 2 1 1	1000 1000 1000 1000 1000 1000 40	Glass Vial HDPE HDPE HDPE HDPE Amber Glass Glass Vial Pre-Sterilized Poly	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li No Headspace Sr = Stron
RO 015M, or equiv-EPA R9 SOP 385) RO 015M, or equiv-EPA R9 SOP 380) AREL pha Spec (Th-228, Th-230, Th-232) DOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) DOE HASL 300) amma spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) ross Alpha/Beta 00.0) a-226 03.11 a-228 04.0) DO HASIM 270C) hylene Glycol 015M) ariV sacteria (fecal & total coliform, HPC) M 9222B; SM 9215B w/R2A medium) ariV sortice of the desire of the despace gas; Stable isotopes of water (O,H) Y: = degrees Celsius P - Contract Lab Program	drinking water O drinking water O drinking water O drinking water I HN03 = Nitric	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C Ice, 6°C Ice, 4°C	140 180 180 180 180 180 7 7 0.25	1 1 1 1 1 1 2 2 2 1 1	1000 1000 1000 1000 1000 1000 40	Glass Vial HDPE HDPE HDPE HDPE Amber Glass Glass Vial Pre-Sterilized Poly HDPE	Teflon Lined Li No Headspace Teflon Lined Li Teflon Lined Li No Headspace Sr = Stront = Target Compound
RO 015IM, or equiv-EPA R9 SOP 385) RO 015IM, or equiv-EPA R9 SOP 380) NREL pha Spec (Th-228, Th-230, Th-232) IOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) IOE HASL 300) pha Spec (U-234, U-235, U-236, U-238) IOE HASL 300) anima Spec -212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 01.1) Iross Alpha/Beta 00.0) In-226 In-228 In-2	drinking water O drinking water mil = milliliter mil = milliliter	pH<2 with HCI and cool with ice, 4°C pH<2 with HNO3 and cool with ice, 4°C Ice, 6°C Ice, 6°C Ice, 4°C Ice, 4°C	140 180 180 180 180 180 7 7 0.25	1 1 1 1 1 1 2 2 2 1 1	1000 1000 1000 1000 1000 1000 40	Glass Vial HDPE HDPE HDPE HDPE HDPE Amber Glass Glass Vial Pre- Sterilized Poly HDPE	Teflon Lined Li

SAP Tables Dimock Draft Ver 2.5-Table 2-Ver_2.4,1/20/2012,10:35 AM

Contract No. EP-S3-10-14